Index of Claims

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/939,960      | LEE ET AL.   |  |
| Examiner        | Art Unit     |  |
| Firmin Backer   | 3621         |  |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim        | Date       |          |   |  | Date Claim Date |                   |  |                      |          |              |          |                 |          |              | Гс      | laim  |          |                 |          | С        | ate        |                 |          |                 |          |          |          |          |          |   |
|--|------------|------------|----------|---|--|-----------------|-------------------|--|----------------------|----------|--------------|----------|-----------------|----------|--------------|---------|---|----------|-----------------|----------|----------|------------|-----------------|----------|-----------------|----------|----------|----------|----------|----------|---|
| <u> </u>   |            |            |          |   | Γ.   |                 | $\overline{\Box}$ |  |                      | 1        | <u> </u>     |          |                 | Т        |              | Ť       | Ť   | Т        | П               |          | F        |            | Т               | П        | П               | Ť        |          |          |          |          |   |
| -  | Original   | 4/14/05    |          |   |  |                 |                   |  |                      |          | -            | Original |                 | - [      |              |         |   |          |                 |          | ا –      | Original   |                 |          |                 | ı        |          |          |          |          |   |
| Final  | i <u>ë</u> | 4          |          |   |  |                 |                   |  | l                    |          | Final        | igi      |                 | ı        |              | ł       |   |          |                 |          | Final    | <u>:</u> 5 |                 |          |                 |          |          | ı        |          |          |   |
| ш.   | ō          | 4          |          |   |  |                 |                   |  |                      |          | "            | ō        |                 |          |              |         |   |          |                 |          | "        | ō          |                 |          |                 |          | l        |          |          |          |   |
|  |            |            |          |   | _  | Ш               |                   |  |                      | _        |              |          | $\Box$          | _        |              | _       | _   | -        |                 | _        |          |            |                 |          | _               | 4        | 4        | _        | $\dashv$ | _        | _ |
|  | 1          |            |          | _ | _  | Ш               |                   |  |                      | _        |              | 51       |                 | _        | $\dashv$     | 4       |   |          | Ш               |          | <u> </u> | 101        | Ш               | _        | _               | 4        | _        | $\dashv$ | _        |          |   |
|  | 2          |            |          |   | <u>L</u>   | Ш               |                   |  |                      | _        |              | 52       |                 | _        |              | ┸       |   |          | $\sqcup$        |          | <u> </u> | 102        | $\sqcup$        | _        | _               | _        | _        |          | _        |          |   |
|  | 3          |            |          |   |  |                 |                   |  |                      |          |              | 53       |                 |          |              |         |   |          | Ш               |          |          | 103        |                 |          | _               | _        |          |          |          |          |   |
|  | 4          |            |          |   |  |                 |                   |  |                      |          |              | 54       |                 |          |              |         |   |          |                 |          |          | 104        |                 |          |                 |          | _        |          |          |          |   |
|  | 5          |            |          |   |  |                 |                   |  |                      |          |              | 55       |                 |          |              |         |   |          |                 |          |          | 105        |                 |          |                 |          |          |          |          |          |   |
|  | 6          |            |          |   |  |                 |                   |  |                      |          |              | 56       |                 |          |              |         |   |          |                 |          |          | 106        |                 |          |                 |          |          |          |          |          |   |
|  | 7          |            |          |   |  |                 |                   |  |                      |          |              | 57       | П               |          |              | Т       |   |          | П               |          |          | 107        |                 |          |                 |          |          |          |          |          |   |
|  | 8          |            |          |   |  |                 |                   |  |                      |          |              | 58       |                 | $\neg$   | Т            | П       |   |          |                 |          |          | 108        |                 |          |                 |          |          |          |          |          |   |
|  | 9          |            |          |   |  |                 |                   |  |                      | 7        |              | 59       |                 | T        | $\neg$       |         | 7   |          |                 |          |          | 109        |                 |          |                 |          | T        |          |          |          |   |
|  | 10         |            | Н        |   | Γ  | П               | П                 | П  |                      | ╗        |              | 60       |                 | 寸        | $\top$       | T       |   | T        | П               | $\neg$   |          | 110        | $\sqcap$        |          | $\Box$          | $\neg$   |          |          |          |          |   |
|  | 11         | Г          | $\vdash$ | _ |  | П               | П                 | П  |                      | 1        |              | 61       | $\Box$          | $\dashv$ | $\top$       | 十       | $\top$  | T        | П               | $\neg$   |          | 111        | 団               |          | T               | 寸        | 一        | T        |          |          |   |
| <u> </u>   | 12         |            |          | _ | Г  | П               |                   |  | 1                    | 1        |              | 62       | $\Box$          | $\dashv$ | $\top$       | $\top$  | $\neg$  | 1        | П               | $\neg$   |          | 112        | П               |          | $\neg \uparrow$ | ヿ        | 一        | 寸        | 一        |          |   |
|  | 13         |            | Н        |   | $\vdash$   | H               | П                 | $\Box$   | _                    | ┪        |              | 63       | $\Box$          | $\dashv$ | 十            | 十       | _   | $\top$   | $\Box$          | $\dashv$ |          | 113        | $\vdash$        | 7        | $\dashv$        | $\dashv$ | $\neg$   | 寸        |          |          |   |
| <del></del>                                      | 14         | $\vdash$   | $\vdash$ | _ | <del> </del>                                     | Н               | Н                 | Н  | $\vdash$             | 1        |              | 64       |                 | 1        | $\top$       | $\top$  | +-  | T        | $\vdash$        | $\neg$   |          | 114        | П               | ヿ        | 7               | 1        | $\dashv$ | $\dashv$ | _        |          |   |
| $\vdash$   | 15         | $\vdash$   | $\vdash$ |   | <del> </del>                                     | Н               | H                 | <del>                                     </del> | -+                   | $\dashv$ |              | 65       | $\vdash$        | $\dashv$ | ╅            | ╅       | +   | T        | $\vdash \vdash$ | $\dashv$ | 1        | 115        | H               | $\dashv$ | $\dashv$        | -        |          | $\dashv$ | _        |          |   |
| <del>                                     </del> | 16         | $\vdash$   | $\vdash$ |   | $\vdash$   | Н               | H                 | $\vdash$   |                      | $\dashv$ | _            | 66       | $\vdash$        | $\dashv$ | +            | +       | +   | +-       | $\vdash$        | $\dashv$ | H-       | 116        | $\vdash$        | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -        |          | _ |
| <del> </del>                                     | 17         | -          | $\vdash$ |   | $\vdash$   | $\vdash$        | H                 | $\vdash$   | +                    | -        | -            | 67       | $\vdash \vdash$ | $\dashv$ | +            | +       | +   | +        | $\vdash$        | $\dashv$ |          | 117        | $\vdash \vdash$ | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\neg$   |   |
| <del> </del>                                     | 18         | -          | $\vdash$ |   | $\vdash$   | Н               | H                 | $\vdash$   | $\vdash$             | $\dashv$ | -            | 68       | $\vdash \vdash$ | +        | +            | +       | +   | +        | $\vdash$        | $\dashv$ | $\vdash$ | 118        | $\vdash$        | $\dashv$ | $\dashv$        | +        | $\dashv$ | -        | -        |          |   |
| $\vdash$   | 19         | $\vdash$   | $\vdash$ |   | $\vdash$   | Н               | $\vdash$          | <u> </u>   |                      | $\dashv$ |              | 69       | $\vdash \vdash$ | $\dashv$ | +            | +-      | +   | +        | $\vdash$        | $\dashv$ |          | 119        | $\vdash$        | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ | -        | $\dashv$ |          |   |
| <u> </u>   |            | $\vdash$   | $\vdash$ |   | $\vdash$   | Н               | H                 | -  |                      | -        | -            | 70       | $\vdash$        | $\dashv$ | +            | +       | +   | ╁        | $\vdash$        | $\dashv$ |          | 120        | $\vdash \vdash$ | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | -        |   |
| <u> </u>   | 20         | -          | -        |   | ├  | H               |                   |  | +                    | 4        | _            |          | $\vdash$        | -        | +            | +       | +   | +        | $\vdash \vdash$ | $\dashv$ |          |            | $\vdash$        | -        | -+              | $\dashv$ |          | -        | -        |          | _ |
| ļ  | 21         | <u> </u>   | Ш        |   | <del>                                     </del> | Н               |                   | $\vdash$   | $\vdash$             | -        | -            | 71       | $\vdash$        | $\dashv$ | +            | +       | +   | +        | ⊢               | $\dashv$ |          | 121        | Н               | _        | -+              |          | -        | $\dashv$ | $\dashv$ |          | - |
| <u> </u>   | 22         | $\vdash$   | Ш        |   | <u> </u>   | $\vdash \vdash$ | Ш                 |  |                      | 4        |              | 72       | $\vdash \vdash$ | $\dashv$ | +            | +       | +   | ┼        | $\vdash \vdash$ | -        | -        | 122        | Н               | -        | -+              |          | $\dashv$ | $\dashv$ | +        |          | - |
| L  | 23         | $\vdash$   | Ш        |   | <u> </u>   | Ш               | Ш                 | L_   |                      | 4        |              | 73       | $\vdash \vdash$ | $\dashv$ | +            | +       | +   | $\vdash$ | $\vdash \vdash$ | $\dashv$ |          | 123        | $\vdash \vdash$ | _        | -               | _        | _        | _        | _        | _        |   |
|  | 24         | $\vdash$   | Ш        |   | <u> </u>   | Ш               | Ш                 | $oxed{\Box}$                                     | $\vdash$             | 4        |              | 74       | $\sqcup$        | _        | $\perp$      | $\perp$ | $\bot$  | 1        | Н               | _        |          | 124        | $\vdash \vdash$ | _        | _               | _        |          |          | _        |          |   |
|  | 25         | Щ          | Ш        |   | _  | Ш               | Ш                 |  | oxdot                | 4        | <u></u>      | 75       | $\sqcup$        | _        | _            | 4       | $\bot$  | _        | Ш               |          |          | 125        | $\sqcup$        |          |                 | _        | _        | $\sqcup$ | _        | _        | _ |
|  | 26         |            | Ш        |   | _  | Ш               | Ш                 |  | $\perp$              | _        |              | 76       |                 | $\dashv$ | _            | $\perp$ | _   | $\perp$  | Ш               | $\Box$   |          | 126        | Щ               | _        |                 |          |          |          | _        |          |   |
|  | 27         |            | Ш        |   |  | Ш               | Ш                 |  |                      | _        |              | 77       | Ш               | .        | $\perp$      |         |   | _        | Ш               |          |          | 127        | Ш               |          |                 | _        |          |          | $\perp$  |          |   |
|  | 28         |            |          |   | _  | Ш               |                   |  |                      | ┙        |              | 78       | Ш               |          |              |         |   | L        | Ш               | _        |          | 128        | Ш               |          |                 | [        |          |          | _        | _        |   |
|  | 29         |            |          |   | L  |                 |                   |  |                      | _]       |              | 79       |                 |          | $oxed{\Box}$ |         |   |          | $\Box$          | _]       |          | 129        | $\coprod$       |          |                 |          | ]        |          |          | I        |   |
|  | 30         |            |          |   |  |                 |                   |  |                      |          |              | 80       |                 |          | $\Box$       | $\perp$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |                 | _]       |          | 130        |                 |          |                 |          |          |          | $\Box$   | ]        |   |
|  | 31         |            |          |   |  |                 |                   |  |                      |          |              | 81       |                 |          | $\Box$       | $\perp$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |                 | _]       |          | 131        |                 |          |                 |          |          |          | $\Box$   |          |   |
|  | 32         |            |          |   |  | П               |                   |  |                      | 7        |              | 82       |                 |          | $\top$       |         |   |          | П               | $\neg$   |          | 132        |                 |          | $\Box$          | $\Box$   |          |          |          |          |   |
|  | 33         |            | П        |   | Г  | П               | П                 |  |                      | ٦        |              | 83       | $\Box$          | $\dashv$ | $\top$       | 1       | 1   |          | П               | $\neg$   |          | 133        | П               |          | $\neg$          |          |          |          |          |          |   |
|  | 34         |            | П        |   | $\Box$   | П               |                   |  |                      |          |              | 84       | $\Box$          | $\dashv$ | $\top$       | 1       | $\top$  | T        | П               | $\neg$   |          | 134        | П               |          | 寸               | $\neg$   |          |          |          |          |   |
|  | 35         |            | П        |   | Г  | М               |                   |  |                      | 7        |              | 85       |                 | $\dashv$ | $\top$       | $\top$  | Τ   |          | П               |          |          | 135        | П               |          |                 | $\neg$   |          |          |          |          |   |
|  | 36         |            | $\Box$   |   | Т  | Н               | Н                 |  |                      | ┪        |              | 86       | $\Box$          | 一        | $\top$       | $\top$  | 十   | $\vdash$ | П               | $\neg$   |          | 136        | П               | 1        |                 | $\dashv$ | $\neg$   |          | $\neg$   |          |   |
|  | 37         | 1          | $\vdash$ |   | <del> </del>                                     | $\vdash$        | Н                 |  | $\dashv$             | 1        |              | 87       |                 | $\dashv$ | $\top$       | $\top$  | +   | T        | $\vdash$        | $\dashv$ |          | 137        | H               | _        | $\dashv$        | $\dashv$ | $\neg$   |          | 一        | _        |   |
|  | 38         | 7          | $\vdash$ |   | <del>                                     </del> | $\vdash$        | $\vdash$          | $\vdash$   | $\vdash$             | ┪        |              | 88       | $\vdash$        | $\dashv$ | +            | $\top$  | +   | †        | H               | $\dashv$ |          | 138        | H               | 1        | 7               | 1        |          |          | $\dashv$ | $\dashv$ |   |
|  | 39         | 7          | $\vdash$ |   | <del>                                     </del> | Н               | Н                 | $\vdash$   | $\vdash$             | ┪        |              | 89       | $\vdash$        | $\dashv$ | $\pm$        | +       | +   | +        | H               | $\dashv$ | -        | 139        | $\vdash$        |          | $\dashv$        | -        | $\dashv$ | -        | _        | $\dashv$ |   |
|  | 40         | 1          | $\vdash$ | _ | <del>                                     </del> |                 | Н                 | $\vdash$   |                      | $\dashv$ |              | 90       | $\vdash$        | $\dashv$ | +            | +       | +   | +        | -               | 10       |          | 140        | $\vdash$        | +        | $\dashv$        | $\dashv$ | -        | $\dashv$ | -+       | $\dashv$ |   |
| <u> </u>   | 41         | 7          | $\vdash$ |   | ┢  | $\vdash$        | Н                 | -  | -                    | $\dashv$ | <del> </del> | 91       | $\vdash \vdash$ | $\dashv$ | +            | +       | +   | +-       | $\vdash$        | $\dashv$ |          | 141        | $\vdash$        | $\dashv$ | $\dashv$        | -        | -        | -        | -+       | -        | - |
|  | 42         | 7          | $\vdash$ | _ | $\vdash$   | $\vdash$        | Н                 |  | -                    | $\dashv$ | -            | 92       | ├─┤             | $\dashv$ | +            | ╅       | +   | +        |                 | $\dashv$ | -        | 142        | $\vdash$        | -+       | $\dashv$        | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | - |
| _  | 42         | 7          | $\vdash$ |   | $\vdash$   | $\vdash$        | Н                 | <u> </u>   | $\vdash$             | $\dashv$ |              | 92<br>93 | -               | $\dashv$ | +            | +       | +   | +-       | $\vdash$        | $\dashv$ |          | 143        | $\vdash \vdash$ |          | $\dashv$        | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | - |
|  |            | <u>  *</u> | $\vdash$ |   | -  | ┝╌┤             | $\vdash\vdash$    | -  | -                    | $\dashv$ | $\vdash$     |          | $\vdash \vdash$ | $\dashv$ | +            | +       | +   | +        |                 |          |          |            | $\vdash$        | -        | -               |          | -        |          | -+       |          | _ |
| <u> </u>   | 44         | $\vdash$   | $\vdash$ | - | <u> </u>   | $\vdash$        | Щ                 | ļ,   |                      | -        | $\vdash$     | 94       | $\vdash$        | -+       | +            | +-      | +   | $\vdash$ | $\vdash \vdash$ | $\dashv$ | -        | 144        | $\vdash$        | $\dashv$ | -+              | $\dashv$ |          |          | -+       |          | - |
| <u> </u>   | 45         | $\vdash$   | Н        |   | $\vdash$   | Н               | Щ                 | $\vdash$   | $\vdash$             | -        | <u> </u>     | 95       | $\vdash$        | $\dashv$ | +            | +       | +   | 1-       | $\vdash \vdash$ | $\dashv$ | -        | 145        | $\vdash \vdash$ | -        | $\dashv$        | -        |          | $\dashv$ |          | $\dashv$ | _ |
| <u> </u>   | 46         | $\vdash$   | $\Box$   |   | $\vdash$   | Н               | Ш                 | <u> </u>   | $\vdash$             | 4        | $\vdash$     | 96       |                 | -        | +            | +       | +   | -        | $\sqcup$        | $\dashv$ | <u> </u> | 146        | $\sqcup$        | -        | -               | _        | _        | $\Box$   | _        |          |   |
| L  | 47         | Ш          | $\Box$   |   | $\vdash$   | $\sqcup$        | Ш                 | <u> </u>   | $\perp \perp$        | 4        |              | 97       | Щ               | _        | $\perp$      | $\bot$  | _   | ↓_       | Ш               | _        | <u> </u> | 147        | $\sqcup$        | _        | _               | _        | _        | _        | _        | _        | _ |
|  | 48         |            | $\Box$   | - | <u> </u>   | Ш               | Ш                 | L.,  | $\perp \perp$        | 4        |              | 98       |                 | _        | $\perp$      | $\bot$  | _   | 1_       | Ш               | $\dashv$ | <u> </u> | 148        | $\sqcup$        | _        | _               |          | _        | _        | _        | _        | _ |
| <u> </u>   | 49         | Щ          | Ш        |   | <u> </u>   | Ш               | Ш                 | Ш  | $\perp \!\!\! \perp$ | _        | $\vdash$     | 99       | $\Box$          | _        | $\perp$      | $\perp$ | 4   |          |                 |          | _        | 149        | Щ               | _        | _               | _        |          |          | ļ        | _        |   |
|  | 50         |            |          |   | L  |                 |                   |  |                      | ╝        |              | 100      | LI              | _1       |              | L.      |   |          | LЫ              |          | L        | 150        | Ш               |          |                 |          |          |          |          |          |   |